

## State of Utah DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) 801-538-5319 (TDD)

May 17, 1993

Mr. Gary Morris UNOCAL Corporation 715 Horizon Drive, Suite 485 Grand Junction, Colorado 81506

Dear Mr. Morris:

Re: Reclamation of the Small Fry Mine, M/037/022, San Juan County, Utah

This letter addresses the reclamation of the Small Fry Mine, currently operated by W. K. Enterprises. The mine has been inactive for several years now and has been partially reclaimed. Complete reclamation is pending, and is recommended by the Division.

W.K. Enterprises obtained approval for the site in 1980 after posting a \$12,000 bond. The bond has since been reduced to \$3,380 after the operator performed some regrading and seeding of the site, in 1989. The bond remains at \$3,380 (in 1992 dollars). In 1998 dollars the bond would increase to \$3,800. The bond covers revegetation of the site, sealing of the portals and road reclamation.

The remaining reclamation specifics follow:

- 1. Reclamation of the mine access road, from the mine's gate to the portals (approximately .5 miles). This will require ripping to 2 feet minimum and some backfilling and regrading in the portal area.
- 2. Sealing and backfilling of the 6 excavations in the side of the rock cliff wall, which include: the mine portal, office facility, shop facility, two magazines, and compressor shack.
- 3. The hillside which drops off to the east of the portal pad area. The hillside drops at a steep angle and would have to be regraded to a 2:1 or 3:1 slope. This portion of the site is where the low grade ore stockpile used to be situated and contains material which inhibits plant growth. Covering the



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material (shales from the Chinle, containing salts and clays) with a better material is advised.

- 4. The power line extending from the plateau, above the mine down to the portal area. The operator would have to check with Utah Power and Light before removal.
- 5. Reseeding the entire 6 acre disturbed area. Most of the area has been reseeded; however, because of poor success, the site will need to be reseeded and scarified. A mix of at least 3 adaptable grasses, 2 forbs, and 3 shrubs should be applied. Unless drill seeded, the site should be scarified prior to broadcast seeding. Mulching is advised, but not required.

Please call if you have further questions.

Sincerely,

Holland Shepherd

Senior Reclamation Specialist

jb M037022